



WELCOME TO THE 2020 GEKO TRAINING!

The webinar will begin in a few minutes...

- **Please keep your video and audio off for the duration of the presentation.**
- **If using a phone, please use the “local” number**
- **If you have any questions, please send them to the host via the chat box**
- **There will be a Q&A session at the end of the presentation**
- **Use *9 to raise your hand via the phone line**
- **This presentation will be recorded and posted online. More info covered on Resources slide.**

NOTE: EPD will be requesting HAP emissions (voluntary this year) in addition to the standard criteria air pollutants.



GEORGIA
DEPARTMENT OF NATURAL RESOURCES

ENVIRONMENTAL PROTECTION DIVISION

2020 Emission Inventory – GECO EI Application

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Air Protection Branch

Georgia Environmental Protection Division

**2020 EI Point Source Emission
Reporting Training Webinar
February 10, 2021**



TRAINING GOALS

- Regulatory Info/Applicability of Emission Inventory
- New GECO features for the 2020 EI
- Certifier and Preparer Information
- What is CAERS?
- GECO EI Walkthrough
- Resource Information
- Upcoming Training Opportunities/What's Next
- Questions?



EMISSION INVENTORY REGULATION/APPLICABILITY



EI REGULATORY BASIS

Regulations requiring GA EPD to collect an Emissions Inventory

- Federal: 40 CFR Part 51 - Air Emissions Reporting Requirements (AERR) and the EPA Air Planning Agreement
- State: Georgia Rule 391-3-1-.02(6)(b)(1)

States are required to annually report **actual** point source emissions data to EPA by **December 31st**. GA EPD requires participating facilities to report data by **June 30th**.



APPLICABILITY

All Part 70 Major Sources are subject.

- **Exceptions include:**
- Permitted but not constructed
- Federally Enforceable Permit Limit (e.g., Synthetic Minor or Major HAP sources)
- Shutdown during the entire calendar year

2020 is a Triennial Year

- Triennial thresholds are lower than Annual Year thresholds
- Thresholds are PTE-based

Triennial Year PTE Thresholds	
Pollutant	(tons per year)
SO ₂	≥ 100
VOC	≥ 100
NO _x	≥ 100
CO	≥ 1000
Pb	≥ 0.5 (actual)
Primary PM ₁₀	≥ 100
Primary PM _{2.5}	≥ 100
NH ₃	≥ 100



EI COLLECTION METHOD

1. **Opt-in/Opt-out of 2020 EI via the Georgia Environmental Connections Online (GECO) Program**

- 2020 GECO EI application launched on **January 25**
- Determines if your facility needs to participate
- Applicability is based on potential emissions; reporting is based on actual emissions.

2. **Facilities determined to participate in the 2020 EI will be linked to CDX CAERS**

- New Users must register in CDX
- Existing users can update any information if needed

3. **Opt-in facilities will begin EI submittal in CAERS in **March****

- Facilities who have opted-in will receive a notification from EPD when CAERS is open to receive 2020 EI data

2020 EI should be submitted to GA EPD through CAERS by **June 30, 2021**



WHAT'S NEW FOR GEICO 2020 EI APPLICATION?



NEW FOR 2020 GECO EI APPLICATION

- **CAERS User Role Information**
 - Facilities must submit Certifier and Preparer Information into GECO **before** it is be submitted into CAERS.
- **Role Requirements**
 - Only one certifier for each facility
 - A facility can have multiple preparers
 - An individual can be both a certifier and preparer for a facility.



NEW FOR 2020 GEICO EI APPLICATION

AIRS Number: 039-00001

✓ Facility Information ✓ Facility Status ▶ **CAERS Users** ▷ Submit

Verify CAERS Users

Use of CAERS requires only one certifier and one preparer. If a single person serves both roles, they must be added as both.

Preparer and Certifier page added as part of opt-in process prior to CAERS.

One certifier must be added before proceeding.

At least one preparer must be added before proceeding.

Add New User

CAERS Role

☐ Preparer ☐ Certifier ☐ Both

Honorific

First Name

Last Name

Title

Company

Mailing Address

City

State

--Select a State--

- One certifier and at least one preparer are required.
- Certifier can also be a preparer.
- More than one preparer is permitted.



2020 GECHO EI APPLICATION

- **Home Page**
 - List of facilities associated with your account
 - Click on the AIRS Number/Facility Name to access facility
- **Application Status Menu**
 - Summary of applications
 - Provides status, deadlines, and main contact for each application
 - Click on “Emissions Inventory” to start 2020 EI
- **Participation Questions to “Opt-in” or “Opt- out”**
 - Did the facility operate any portion of the calendar year?
 - Is the facility SM or Major for HAPs?
 - Did the facility meet or surpass the PTE emission thresholds?
 - Is the facility colocated with another facility?
 - If colocated, what is the facility name and AIRS number?



USER ROLES

Preparer

- **Is authorized to prepare an emissions report for a facility** (e.g., consultant, staff person working for the facility).
- **A facility can have multiple preparers** (each with an individual account associated with the facility).
 - If submitting HAPs data for TRI within CAERS, this could include the TRI preparer.
- **A single preparer can be associated with more than one facility** (an individual account associated with several facilities).
- **A preparer does not fulfill the same role as the Certifier** (i.e., not authorized to certify and submit the report on behalf of the facility).



USER ROLES

Certifier

- **Can prepare the emissions report and is also authorized to certify the emissions report to meet your legal obligation for reporting to your SLT.**
- **Only one Certifier for a facility.**
- **A single Certifier can have multiple facilities** (multiple facilities associated with the certifier account).
- **The Certifier can also be a preparer** (only one CAERS account needed).
- **Total toxics air emissions are made available for TRI-MEweb once the facility has certified the report in CAERS. Note: CAERS certification is not a certification of the TRI submission. Toxics air data are certified in TRI-MEweb, not CAERS.**



WHAT IS CAERS?



WHAT IS CAERS?

CAERS (Combined Air Emissions Reporting System) is an application that allows industry from subscribed State, Local, or Tribal authorities (or SLTs) to report their air emissions.

This allows:

- SLT's to meet specific air emissions reporting requirements
- Annual or triennial reporting to meet the requirements of the Air Emissions Reporting Requirements (AERR) rule
- Facilities to voluntarily report HAPs emissions at process level to pre-populate Toxics Release Inventory (TRI) air toxics emissions.
 - TRI data must still be completed and certified in TRI-Meweb
 - Starting this year, EPD is encouraging facilities to submit HAP emissions to CAERS



GECO APPLICATION WALKTHROUGH



SIGNING IN



<https://geco.gaepd.org/>

Have an account? Sign in

Georgia Environmental Connections Online (GECO) is an online service allowing public access to various Georgia Air Protection Branch applications. You must be a registered user to access the online applications.

Need an account? Click the Register button to create an account

The GECO site is used to register for classes, workshops, and other events hosted by Georgia EPD. You may view the [upcoming events](#), but a GECO account is required to register for any event.

Emissions Inventory

The [National Emissions Inventory](#) (NEI) is a detailed estimate compiled by the US EPA of air emissions that include criteria pollutants and hazardous air pollutants from air emissions sources. Emissions inventory data for all Part 70



ACCESS TO YOUR FACILITY



GECO Home

Georgia Environmental Connections Online
Georgia Air Protection Branch applications.

Returning users – Once signed in, you should see your facilities listed and the EI box checked

You have access to work on the following facilities:

Facility Name	AIRS Number	Admin Access	Permit Fees	Emissions Inventory	Emissions Statement
Brunswick Cellulose LLC	127-00003	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Durango-Georgia Paper Company	039-00001	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
GEORGIA POWER CO. - PLANT MCDONOUGH- ATKINSON	067-00001	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

New Users – Request access to your facility using the hyper link on the home page.

[Request access to a facility](#)

GECO News and Events



APPLICATION STATUS MENU

Facility Home

Durango-Georgia Paper Company, St. Marys
AIRS Number: 039-00001

Menu

Facility Info

User Access

Access 2020 EI Application here

Main Emission Inventory Contact can be changed within application or here.

Application Menu

GECO Applications	Current Status	Deadline	Current Contact (click to edit)
Permits & Application Fees	0 open permit applications.		Douglas Waldron
Emissions Inventory	Ready for 2020 EI.	6/30/2021	Jing Wang
Test Notifications	No pending test notifications.		None



EIS HOME PAGE

Emissions Inventory System

Durango-Georgia Paper Company, St. Marys

AIRS Number: 039-00001

[EIS Home](#)

[EIS Facility Info](#)

[CAERS Users](#)

[Historical Data](#)

Facilities whose potential emissions equal or exceed the thresholds must report their actual emissions. For assistance with calculating PTE, please use the [Potential to Emit Guidelines](#). Since the 2019 Emissions Inventory, Georgia has used the *Combined Air Emissions Reporting System* (CAERS) developed by U.S. EPA.

The new Emissions Inventory process will be as follows:

1. Based on previously available information, the Georgia Air Protection Branch will enroll facilities that may need to participate in the Emissions Inventory. (If your facility has not been enrolled, but you believe it should be participating in the EI, please email emissions.inventory@dnr.ga.gov.)
2. Begin the EI process below. You will be asked to review basic facility information. You will then be asked about facility PTE emissions to determine if participation in the Emissions Inventory process is necessary.
3. If it is determined that the facility will participate in the Emissions Inventory process, you will be directed to provide preparer and certifier information. If it is determined that the facility will not participate in the Emissions Inventory process, the facility will be complete with the 2020 Emissions Inventory, and steps 4 and 5 can be ignored.
4. For facilities new to CDX/CAERS: Once you provide preparer and certifier information, you will be directed to EPA's CDX to provide the same information. For facilities who participated in the 2019 EI, skip this step unless a new preparer/certifier needs to be added.
5. A notification will be sent in March indicating when facilities can begin their 2020 Emissions Inventory in CAERS.



EIS HOME PAGE

View Facility Info

CAERS Users can also be changed throughout the year.

Emissions Inventory System

Durango-Georgia Paper Company, St. Marys

AIRS Number: 039-00001

EIS Home

EIS Facility Info

CAERS Users

Historical Data

Facilities whose potential emissions equal or exceed the thresholds must report their actual emissions. For assistance with calculating PTE, please use the [Potential to Emit Guidelines](#). Since the 2019 Emissions Inventory, Georgia has used the *Combined Air Emissions Reporting System* (CAERS) developed by U.S. EPA.

The new Emissions Inventory process will be as follows:

1. Based on previously available information, the Georgia Department of Natural Resources will determine if your facility should participate in the Emissions Inventory. (If your facility has not been enrolled, but you believe it should be participating in the EI, please email [emissions.inventory@dnr.ga.gov](#).)
2. Begin the EI process below. You will be asked to report your facility's PTE emissions to determine if participation in the EI is required.

Historical Emission Inventory Data – data up to 2018 available on the GECO website. EI data from 2019 to present will be available in CAERS.



BEGIN EI PROCESS

3. If it is determined that the facility will participate in the Emissions Inventory process, you will be directed to provide preparer and certifier information. If it is determined that the facility will not participate in the Emissions Inventory process, the facility will be complete with the 2020 Emissions Inventory, and steps 4 and 5 can be ignored.
4. For facilities new to CDX/CAERS: Once you provide preparer and certifier information, you will be directed to EPA's CDX to provide the same information. For facilities who participated in the 2019 EI, skip this step unless a new preparer/certifier needs to be added.
5. A notification will be sent in March indicating when facilities can begin their 2020 Emissions Inventory in CAERS.

Determine if your facility is required to submit their 2020 EI

2020 Emissions Inventory Process

Current Status: **Ready for the Emissions Inventory Process**

EPD's Air Protection Branch has determined that this facility may need to participate in the 2020 Emissions Inventory. Click the button below to begin. You will first verify the facility and contact information and then answer questions about the facility emissions to determine if participation in the EI is necessary.

Begin EI Process



FACILITY INFORMATION

Current facility: Durango-Georgia Paper Company, St. Marys (039-00001)

Switch facility Facility home

Step 1: Verify facility information

Begin Emissions Inventory Process

Durango-Georgia Paper Company, St. Marys

AIRS Number: 039-00001

► Facility Information

► Facility Status

► CAE

Please contact us for name/address issue(s).

Verify Facility Information

Verify the facility and contact information below. Make any corrections needed, then select the Continue button at the bottom of the page.

Name and Address

If the facility name or address are incorrect, please email emissions.inventory@dnr.ga.gov.

Name Durango-Georgia Paper Company

Site Address 4244 International Parkway Suite 120-test
ATLANTA, GA 30354

Mailing Address

Mailing Address 123 St Mary's Road-test



EI CONTACT INFORMATION

Emissions Inventory Contact

The Emissions Inventory contact will receive notices regarding annual Emissions Inventory submittals for the facility.

Honorific	<input type="text" value="Mrs"/>
First Name	<input type="text" value="Jing"/>
Last Name	<input type="text" value="Wang"/>
Title	<input type="text" value="Engineer"/>
Mailing Address	<input type="text" value="4244 International Parkway Suite"/> <input type="text" value="ATLANTA"/>
Email	<input type="text" value="jing.wang@dnr.ga.gov"/> <input type="text" value="test comment with apostrophe - Test's test"/>
Contact Comment	<input type="text"/>

Step 2: Verify or add your main EI contact information.

Whether you opt-in/opt-out, make sure that the EI contact is correct.

Click to save and continue.

Cancel

Save Facility Information and Continue →



FACILITY STATUS – OPT-OUT

SHUTDOWN FOR 2020

OPT-OUT
CONFIRMATION

Facility Operational Status

Did the facility operate at any time during calendar year 2020?

☐ Yes ☒ No

Step 3: Report operational status for any of 2020.

Facility Colocation

Is the facility colocated with another facility?

☒ Yes ☐ No

What facility are you colocated with?

Please provide the name and AIRS number of the colocated facility. Your facility and/or the colocated facility will be contacted by the Air Protection Branch about possible EI submittal.

Continue →

Step 4: Indicate if colocated with another facility. Provide colocated facility's name and AIRS number.

2020 Emissions Inventory Process

Current Status: **Not Participating in the Emissions Inventory (Submitted)**

The facility has reported that it is not participating in the 2020 Emissions Inventory. You may reset the current status.

[Reset EIS Status](#)

Reason Not Participating:

Facility did not operate

Confirmation #:

10010952

Submitted on:

1/29/2021 3:28:00 PM

Process complete.



FACILITY STATUS – OPT-IN

OPERATIONAL

Facility Operational Status

Did the facility operate at any time during calendar year 2020?

☒ Yes ☐ No

Comments (optional):

Step 3: Report operational status for 2020.

Step 4: Determine if your facility's 2020 emissions equals or exceeds 2020 EI thresholds.

2020 TRIENNIAL EMISSION THRESHOLDS

Facility Emissions Thresholds

Note that the thresholds below pertain to *potential emissions*, except for lead. The threshold for lead (Pb) is based on actual emissions.

Pollutant	Threshold (tpy)
VOC	100
SOx	100
NOx	100
CO	1000
PB	0.5
PM10	100
PM25	100
NH3	100

Is the facility below ALL of the thresholds listed?

☐ Yes ☒ No

Continue →



CAERS USER INFORMATION – OPT-IN

AIRS Number: 059-00001

✓ Facility Information

✓ Facility Status

CAERS Users

Submit

Note: can go back and edit.

Verify CAERS Users

Use of CAERS requires only one certifier and at least one preparer (multiple preparers are permitted). If a single person serves both roles, they must be added as both.

One certifier must be added before proceeding.

At least one preparer must be added before proceeding.

Add New User

CAERS Role

☐ Preparer ☐ Certifier ☐ Both

Honorific

Last Name

Title

Company

Mailing Address

City

State

--Select a State--

Step 5: Add Preparer(s) and Certifier information



CAERS USER INFORMATION – OPT-IN

Verify CAERS Users

Use of CAERS requires only one certifier and at least one preparer (multiple preparers are permitted). If a single person serves both roles, they must be added as both.

Add another preparer.

Verify the CAERS Users below. Make any additions or corrections as needed, then select the Continue button at the bottom of the page.

Modify existing users

Add New CAERS User

Current CAERS Users

Role	User	Address	Email	Phone	Controls
Certifier	Maria Geonczy	4244 International Pkwy Suite 120 Atlanta, GA 30354	emissions.inventory@dnr.ga.gov		Edit Delete
Preparer	Maria Geonczy	4244 International Pkwy Suite 120 Atlanta, GA 30354	emissions.inventory@dnr.ga.gov		Edit Delete

Confirm CAERS Users and Continue →



2020 EI SUBMISSION

Durango-Georgia Paper Company, St. Marys
AIRS Number: 039-00001

[EIS Home](#) [EIS Facility Info](#) [CAERS Users](#) [Historical Data](#)

Congrats! 2020 GECO EI app is complete!

Facilities whose potential emissions equal or exceed the thresholds must report their actual emissions. For assistance with calculating PTE, please use the [Potential to Emit Guidelines](#). Since the 2019 Emissions Inventory, Georgia has used the *Combined Air Emissions Reporting System* (CAERS) developed by U.S. EPA.

2020 Emissions Inventory Process

Current Status: **Participating in the Emissions Inventory (Submitted)**

The facility has reported that it is participating in the 2020 Emissions Inventory. You may reset the current status and start over.

[Reset EIS Status](#)

Reset EIS status, to correct/change info.

The Emissions Inventory process will continue at EPA's *Central Data Exchange* (CDX). CDX is used to access CAERS. The preparers and certifiers you have specified should follow this procedure if new to CDX/CAERS:

1. Register in CDX using the link below.
2. Set up CAERS in CDX.
3. Await approval that your CAERS account is linked to the emissions inventory.

[Link to EPA CDX](#)

Use link to register/update CAERS contact information when available.

Confirmation #: 10010963

Submitted on: 2/3/2021 8:26:06 AM

2020 GECO EI app. confirmation #



LINK TO CDX LOG IN

Register/Update CAERS contact information

- CAERS will open in **March**
- Notifications will be sent when CAERS is open for 2020 EI data

Log in to CDX

User ID

Password

☐ Show Password

Log In

Register with CDX

[Forgot your Password?](#)

[Forgot your User ID?](#)

[Warning Notice and Privacy Policy](#)

Welcome

Welcome to the Environmental Protection Agency (EPA) Central Data Exchange (CDX) - the Agency's electronic reporting site. The Central Data Exchange concept has been defined as a central point which supplements EPA reporting systems by performing new and existing functions for receiving legally acceptable data in various formats, including consolidated and integrated data.



RESOURCES

1. **GECO EI Application Training PowerPoint and Recording**

<https://epd.georgia.gov/forms-permits/air-protection-branch-forms-permits/air-emissions/submit-emissions-inventory>

2. **CAERS User guide**

<https://epd.georgia.gov/forms-permits/air-protection-branch-forms-permits/air-emissions/submit-emissions-inventory>

3. **Past EPA CAERS Webinar Recordings**

<https://www.epa.gov/e-enterprise/e-enterprise-combined-air-emissions-reporting-caer>



WHAT'S NEXT?

- **After March 1**
 1. CDX/CAERS will open for applicable facilities to submit the 2020 EI
 2. Georgia EPD will QA the submitted EI data as facilities submit
- **EPA Training (March – April)**
- **Live Virtual Help Sessions (April – May)**



FUTURE EPA TRAINING OPPORTUNITIES

1. CAERS EI User Interface

March 24, 2021 (Wednesday)

1-3PM (ET)

2. CAERS EI Bulk Uploading Template

March 31, 2021 (Wednesday)

1-3PM (ET)

3. CAERS EI Control Path

April 14, 2021 (Wednesday)

1-3PM (ET)



QUESTIONS

**Contact us at:
emissions.inventory@dnr.ga.gov**

